

HOT SHEET

Saturday, September 21

- **Louis V. Avioli Lecture – Anabolic Actions of Parathyroid Hormones: Genes, Cells and Models**, 8:30 a.m. – 9:30 a.m. (*Valencia Ballroom B-D*), Speaker: Laurie McCauley, D.D.S., Ph.D., University of Michigan School of Dentistry, United States
- **Plenary Orals: John H. Carstens Memorial Session: Osteoporosis Treatment**, 9:45 a.m. – 11:00 a.m. (*Valencia Ballroom B-D*)
 - 9:45 a.m. – VITamin D and OmegA-3 Trial (VITAL): Effects of Vitamin D on Bone Density, Turnover and Structure
 - 10:00 a.m. – Subject Characteristics and Changes in Bone Mineral Density after Transitioning from Denosumab to Alendronate in the Denosumab Adherence Preference Satisfaction (DAPS) Study
 - 10:45 a.m. – Romosozumab Improves Lumbar Spine Bone Mineral Density and Bone Strength Greater than Alendronate as Assessed by Quantitative Computed Tomography and Finite Element Analysis in the ARCH Trial
- **Plenary Orals: Cell Regulators of Bone Disease**, 9:45 a.m. – 11:00 a.m. (*Valencia Ballroom A*)
 - 10:00 a.m. – Stimulation of Piezo1 by Mechanical Loading Promotes Bone Anabolism
- **Symposium: Genetics in the Bone Clinic: From Rare to Complex**, 2:45 p.m. – 4:00 p.m. (*Valencia Ballroom A*)
- **Symposium: Mineralization Gone Awry**, 2:45 p.m. – 4:00 p.m. (*Valencia Ballroom B-D*)
- **Concurrent Orals: Systemic Diseases: Effects on Bones**, 4:15 p.m. – 5:45 p.m. (*Room W414*)
 - 4:15 p.m. – Red Cell Distribution Width (RDW), A Widely Available Simple Measure of Cell Aging, Strongly Predicts Hip Fracture
- **Concurrent Orals: Nutrition and Exercise**, 4:15 p.m. – 5:45 p.m. (*Valencia Ballroom B-D*)
 - 4:15 p.m. – Effects of Vitamin D on the Risk of Falls in the VITamin D and OmegA-3 Trial (VITAL)